

Chapter 37 Circulatory and Respiratory Systems

Vocabulary Review

Matching *In the space provided, write the letter of the definition that best matches each term.*

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|--------------------------------|--|
| _____ 1. pulmonary circulation | a. path of blood from heart to body |
| _____ 2. systemic circulation | b. fluid part of blood |
| _____ 3. aorta | c. cell fragment that helps blood to clot |
| _____ 4. capillary | d. path of blood from heart to lungs |
| _____ 5. atherosclerosis | e. smallest type of blood vessel |
| _____ 6. plasma | f. protein in blood that carries oxygen |
| _____ 7. hemoglobin | g. structure containing vocal cords |
| _____ 8. platelet | h. buildup of fat deposits on artery walls |
| _____ 9. pharynx | i. tube in throat through which air passes |
| _____ 10. larynx | j. largest artery |
| _____ 11. artery | k. fluid that is lost by the blood |
| _____ 12. vein | l. blood vessel that carries blood away from the heart |
| _____ 13. lymph | m. blood vessel that carries blood toward the heart |

True or False *Determine whether each statement is true or false. If it is true, write true in the space provided. If the statement is false, change the underlined word or words to make the statement true.*

- _____ 14. Air moves from the pharynx into the bronchus.
- _____ 15. The tiny sacs where gas exchange takes place are the lymphocytes.
- _____ 16. The diaphragm is a muscle that enables breathing.
- _____ 17. Loss of elasticity in the lungs is called lung cancer.
- _____ 18. The stimulant drug in tobacco smoke is known as tar.

Writing Descriptions *In the space provided, describe each structure of the heart.*

19. myocardium _____
- _____
20. atrium _____
- _____
21. ventricle _____
- _____
22. valve _____
- _____
23. pacemaker _____
- _____